CONTENTS

Reprint of the Presentation of Outstanding Paper of the Year Awards L. E. Klopfer	111
COMMENTS AND CRITICISMS	
Science Education: Education in, or about Science? C. B. Barrentine	497
Comment on "Evolution in High School Biology Textbooks: 1963–1983" by Dorothy B. Rosenthal, Science Education 69(5):637–648. 1985. J. Beard	501
The Things of Science: Assessing the Learning Potential of Science Museums	501
J. H. Falk, J. J. Koran Jr., and L. D. Dierking	503
The Influence of Preferred Learning Styles on Cooperative Learning in Science P. A. Okebukola	509
Elementary Science as a Little Added Frill: A Report of Two Case Studies M. Schoeneberger and T. Russell	519
SCIENCE EDUCATION ASSESSMENT INSTRUMENTS	
Validating Teacher Performance Measures against Student Engagement and Achievement in Middle School Science K. Tobin	539
LEARNING, Warren T. Wollman, Section Editor	
Pupils' Explanations of Some Aspects of Chemical Reactions B. Anderson	549
Hierarchical Solution Models of Speed Problems M. Gorodetsky, R. Hoz, and S. Vinner	565
Conceptual Understanding and Science Learning: An Interpretation of Research within a Sources-of-knowledge Framework	
A. L. Pines and L. H. T. West	583
Author Index	605
Information for Contributors	607
Volume Title Page	٧
Volume Contents	vi